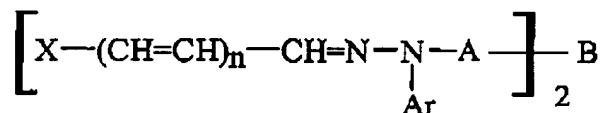


Application No. 10/663,278

AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remains under examination in the application are presented below. The claims are presented in ascending order and each includes one status identifier.

1. (Original) An organophotoreceptor comprising:
 - (a) a charge transport compound having the formula



where n is an integer from 0 to 1;

X is an (N,N-disubstituted)arylamine group;

Ar is an aryl group or a heterocyclic group;

A is a first linking group with the formula $-(CH_2)_p-$ which can be branched or linear, where p is an integer from 3 to 20 inclusive and where one or more methylene groups can be optionally replaced by O, S, a carbonyl group, urethane, urea, an ester group, a $-NR_{16}$ group, a CHR_{17} group, or a $CR_{18}R_{19}$ group where R_{16} , R_{17} , R_{18} and R_{19} are, independently, H, hydroxyl, thiol, an amine group, an alkyl group, an alkaryl group, an aryl group, or part of a ring; and

B is a second linking group having the formula $-Q-Z-Q'-$, where Q and Q' are, independently, O, S or NR_1 , where R_1 is an H, an alkyl group, an alkaryl group or an aryl group, and Z comprises a heterocyclic group;

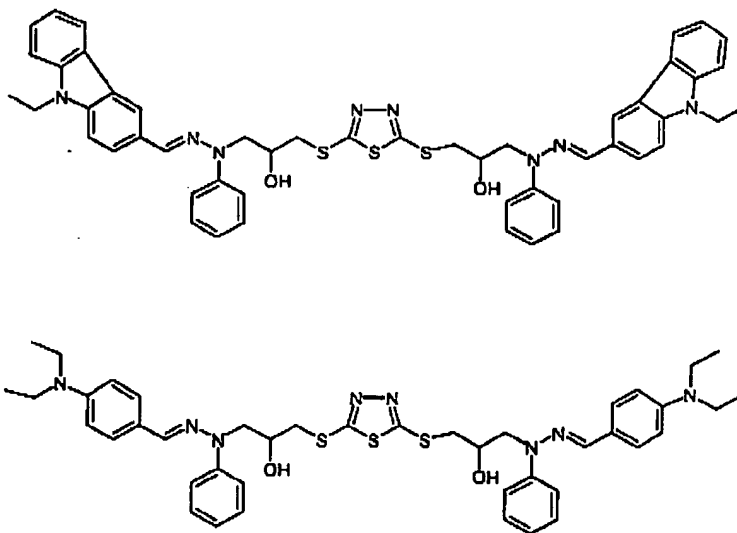
- (b) a charge generating compound; and

- (c) an electrically conductive substrate over which the charge transport compound and the charge generating compound are located.

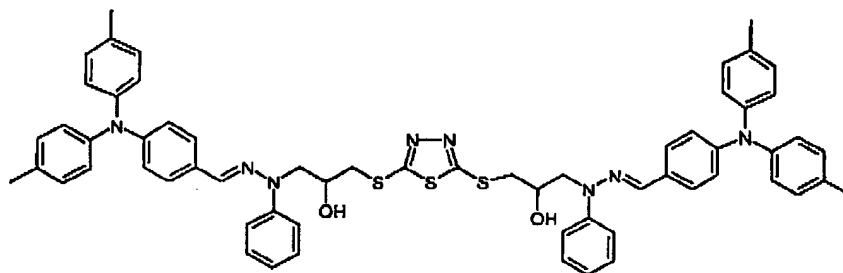
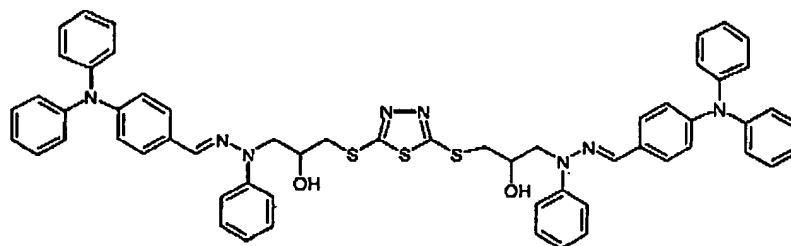
2. (Original) An organophotoreceptor according to claim 1 wherein said organophotoreceptor is in the form of a flexible belt.

Application No. 10/663,278

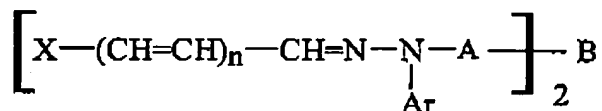
3. (Original) An organophotoreceptor according to claim 1 wherein said organophotoreceptor is in the form of a drum.
4. (Original) An organophotoreceptor according to claim 1 wherein said organoreceptor further comprises an electron transport compound.
5. (Original) An organophotoreceptor according to claim 1 comprising:
(a) a charge transport layer comprising said charge transport compound and a polymeric binder; and
(b) a charge generating layer comprising said charge generating compound and a polymeric binder.
6. (Original) An organophotoreceptor according to claim 1 wherein said charge transport compound is selected from the group consisting of the following formulas:



Application No. 10/663,278



7. (Original) An electrophotographic imaging apparatus comprising:
- (a) a plurality of support rollers; and
 - (b) an organophotoreceptor operably coupled to said support rollers with motion of said support rollers resulting in motion of said organophotoreceptor, said organophotoreceptor comprising:
 - (i) a charge transport compound having the formula



where n is an integer from 0 to 1;

X is an (N,N-disubstituted)arylamino group;

Ar is an aryl group or a heterocyclic group;

A is a first linking group with the formula $-(CH_2)_p-$ which can be branched or linear, where p is an integer from 3 to 20 inclusive and where one or more methylene groups can be optionally replaced by O, S, a carbonyl group, urethane, urea, an ester group, a $-NR_{16}$ group, a

Application No. 10/553,278

CHR₁₇ group, or a CR₁₈R₁₉ group where R₁₆, R₁₇, R₁₈ and R₁₉ are, independently, H, hydroxyl, thiol, an amine group, an alkyl group, an alkaryl group, an aryl group, or part of a ring; and

B is a second linking group having the formula -Q-Z-Q', where Q and Q' are, independently, O, S, or NR₁, where R₁ is an H, an alkyl group, an alkaryl group or an aryl group, and Z comprises a heterocyclic group;

(ii) a charge generating compound; and

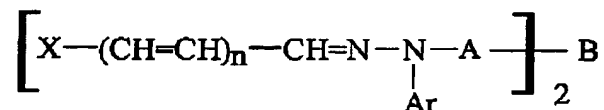
(iii) an electrically conductive substrate over which said charge transport compound and said charge generating compound are located.

8. (Original) An electrophotographic imaging apparatus according to claim 7 wherein said organophotoreceptor further comprises an electron transport compound.

9. (Original) An electrophotographic imaging apparatus according to claim 7 wherein said electrophotographic imaging apparatus further comprises a liquid toner dispenser.

Claims 10-12 (Cancel)

13. (Original) A charge transport compound having the formula



where n is an integer from 0 to 1;

X is an (N,N-disubstituted)arylamine group;

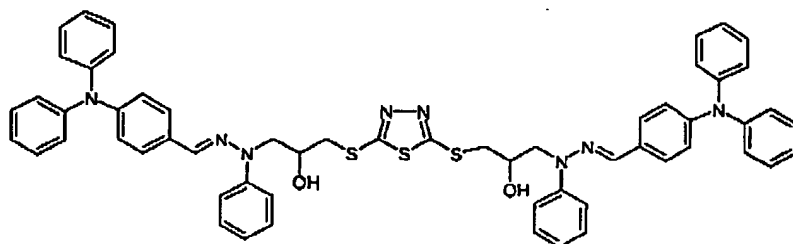
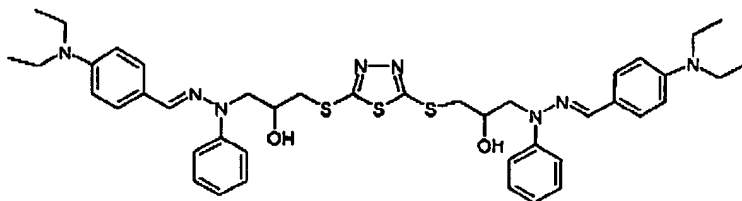
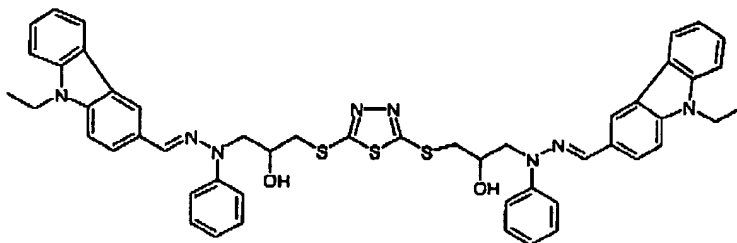
Ar is an aryl group or a heterocyclic group;

A is a first linking group with the formula -(CH₂)_p- which can be branched or linear, where p is an integer from 3 to 20 inclusive and where one or more methylene groups can be optionally replaced by O, S, a carbonyl group, urethane, urea, an ester group, a -NR₁₆ group, a CHR₁₇ group, or a CR₁₈R₁₉ group where R₁₆, R₁₇, R₁₈ and R₁₉ are, independently, H, hydroxyl, thiol, an amine group, an alkyl group, an alkaryl group, an aryl group, or part of a ring; and

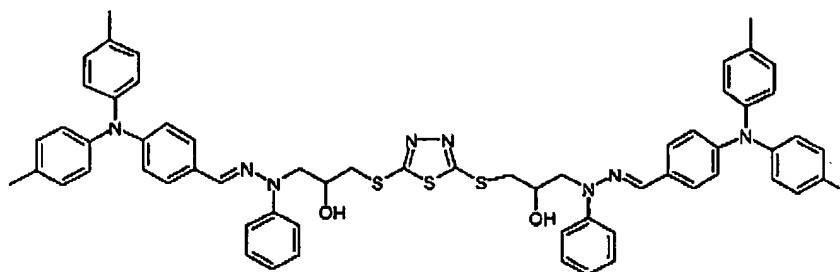
Application No. 10/553,278

B is a second linking group having the formula $-Q-Z-Q'$, where Q and Q' are, independently, O, S, or NR_1 , where R_1 is an H, an alkyl group, an alkaryl group or an aryl group, and Z comprises a heterocyclic group.

14. (Original) A charge transport compound according to claim 13 wherein said charge transport compound is selected from the group consisting of the following formulas:



Application No. 10/663,278



15. (Original) A charge transport compound according to claim 13 wherein first linker A comprises $-\text{CH}_2\text{CHOHCH}_2-$.
16. (Original) A charge transport compound according to claim 13 wherein X of said charge transport compound comprises a julolidine group.
17. (Original) A charge transport compound according to claim 13 wherein X of said charge transport compound comprises a triphenylamine group.
18. (Original) A charge transport compound according to claim 13 wherein X of said charge transport compound comprises a carbazole group.
19. (Original) A charge transport compound according to claim 13 wherein $n=0$.
20. (Original) A charge transport compound according to claim 13 wherein $\text{Q}=\text{Q}'=\text{S}$.
21. (Original) A charge transport compound according to claim 13 wherein $\text{Q}=\text{Q}'=\text{S}$ and Z comprises a heterocyclic group comprising sulfur.